

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: HALDEMAN Prior Examiner: Jaworski, F. J.
 Prior Pending App Serial No. 10/117,434 Prior Group Art Unit: 3737
 Continuation Filed: March 9, 2004 Docket No.: GUID.023C1
 Title: DOPPLER GUIDING CATHETER USING SENSED BLOOD
 TURBULENCE LEVELS

17548 U.S. PTO
 10/796845

CERTIFICATE UNDER 37 CFR 1.10:

"Express Mail" mailing label number: EV 381019714 US
 Date of Deposit: March 9, 2004

I hereby certify that this paper or fee is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Commissioner for Patents, MAIL STOP PATENT APPLICATION, P.O. Box 1450, Alexandria, VA 22313-1450.

By:

Kelly S. Waltigney

CONTINUATION PATENT APPLICATION UNDER 37 C.F.R. § 1.53(b)

MAIL STOP PATENT APPLICATION

Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Dear Sir:

This is a request for filing a continuation patent application under 37 CFR § 1.53(b) of pending patent application serial number 10/117,434, filed on April 5, 2002.

The continuation application is entitled "DOPPLER GUIDING CATHETER USING SENSED BLOOD TURBULENCE LEVELS," for which the inventorship is identified on the attached Declaration and Power of Attorney (3 total pages) from the priority application, serial no. 10/117,434, filed on April 5, 2002 and to issue on March 9, 2004 as U.S. Patent No. 6,704,590. We are transmitting herewith the following:

1. ☒ A continuation patent application, with a new specification claiming priority to the prior pending patent application. The new application is as follows: Pages 1-23 having 1 page of abstract, and 20 new claims (1-20), 5 sheets of drawings having Figures 1-9; and 3 pages of Declaration from the priority application. No new matter has been added.
2. ☒ Please charge Deposit Account No. 50-0996 **\$770.00 (GUID.023C1)** in payment of the filing fee with authority given to credit/charge this Deposit Account to complete filing.

CLAIMS AS FILED

NUMBER FILED	NUMBER EXTRA		RATE	FEE
TOTAL CLAIMS (1-20):				
20 -20	0	X	\$18.00	\$0.00
INDEPENDENT CLAIMS				
3 -3	0	X	\$86.00	\$0.00
			BASIC FILING FEE:	\$770.00
			TOTAL FILING FEE:	\$770.00

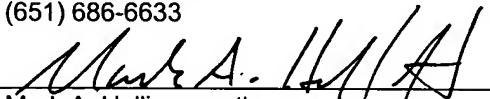
3. ☒ A set of drawings (5 sheets) is enclosed.
4. ☒ An Information Disclosure Statement filed under 37 C.F.R. §1.97(b), accompanied by (2) PTO 1449 Forms for consideration in the present patent application.
5. ☒ The prior pending application is assigned of record to:
Cardiac Pacemakers, Inc.; St. Paul, MN.
6. ☒ The **Power of Attorney** in the prior pending application is to:
Mark A. Hollingsworth
Reg. No. 38,491
Crawford Maunu PLLC
(651/686-6633 x104)
7. ☒ Address all U.S.P.T.O communications to the Attention of: Mark A. Hollingsworth at the address of correspondence and of record below:

Crawford Maunu PLLC / 1270 Northland Drive, Suite 390 / St. Paul, MN 55120 USA.
8. ☒ A return postcard is enclosed.

Date: March 9, 2004

Respectfully submitted,

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Mark A. Hollingsworth
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